



FORM PTO-1449	SERIAL NO. 10/606,117	CASE NO. 3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)		APPLICANT(S): A. Chow

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
*	JPO	A1	793,004	06/20/1905	May	
*		A2	1,684,860	09/18/1928	Catlin	
*		A3	2,525,381	10/10/1950	Tower	
*		A4	2,721,316	10/18/1955	Shaw	
		A5	2,760,483	08/28/1956	Tassicker	
*		A6	3,320,947	05/23/1967	Knoll	
		A7	3,594,823	07/27/1971	Collins	
		A8	3,628,193	12/21/1971	Collins	
*		A9	3,699,970	10/24/1972	Brindley et al.	
		A10	3,766,311	10/16/1973	Boll	
*		A11	3,769,961	11/06/1973	Fatt et al.	
		A12	3,848,608	11/19/1974	Leonard	
*		A13	3,893,444	07.08/1975	Fatt	
		A14	3,914,800	10/28/1975	Collins	
*		A15	3,995,635	12/07/1976	Higuchi et al.	
*		A16	3,998,659	12/21/1976	Wakefield	
		A17	4,001,867	01/04/1977	Kravitz et al.	
*		A18	4,018,218	04/19/1977	Carlson et al.	
*		A19	4,089,329	05/16/1978	Couvillon, Jr. et al.	
		A20	4,211,474	07/08/1980	Le Goff	
		A21	4,251,887	02/24/1981	Anis	
*		A22	4,271,841	06/09/1981	Friedman	
		A23	4,272,910	06/16/1981	Danz	
*		A24	4,326,529	04/27/1982	Doss et al.	
*		A25	4,484,922	11/27/1984	Rosenwald	
*		A26	4,524,776	06/25/1985	Withers et al.	
		A27	4,551,149	11/05/1985	Sciarra	
		A28	4,600,004	07/15/1986	Lopez et al.	
		A29	4,601,545	07/22/1986	Kern	
*		A30	4,603,697	08/05/1986	Kamerling	
*		A31	4,614,193	09/30/1986	Liss et al.	
		A32	4,628,933	12/16/1986	Michelson	
*		A33	4,664,117	05/12/1987	Beck	
*		A34	4,667,676	05/26/1987	Guinta	
		A35	4,679,572	07/14/1987	Baker, Jr.	
		A36	4,750,498	06/14/1988	Graham	
		A37	4,810,050	03/07/1989	Hooper	
		A38	4,832,202	05/23/1989	Newman et al.	

EXAMINER <i>Frances P. Oropuz</i>	DATE CONSIDERED <i>4/19/06</i>
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
JPO	A39	4,873,448	10/10/1989	Shirai		
*	A40	4,874,237	10/17/1989	Cringle		
*	A41	4,955,378	09/11/1990	Grasso		
	A42	4,978,842	12/18/1990	Hinton et al.		
*	A43	4,979,508	12/25/1990	Beck		
*	A44	4,989,605	02/05/1991	Rossen		
	A45	5,016,633	05/21/1991	Chow		
	A46	5,024,223	06/18/1991	Chow		
*	A47	5,025,811	06/25/1991	Dobrogowski et al.		
*	A48	5,099,829	03/31/1992	Wu		
	A49	5,109,844	05/05/1992	de Juan Jr. et al.		
*	A50	5,109,846	05/05/1992	Thomas		
	A51	5,130,528	07/14/1992	Phillips, Jr.		
	A52	5,130,776	07/14/1992	Popovic et al.		
*	A53	5,147,284	09/15/1992	Fedorov et al.		
*	A54	5,154,174	10/13/1992	Hawlina		
	A55	5,159,927	11/03/1992	Schmid		
*	A56	5,174,304	12/29/1992	Latina et al.		
	A57	5,223,728	06/29/1993	Gempe		
	A58	5,256,882	10/26/1993	Miyasaka		
	A59	5,338,991	08/16/1994	Lu		
	A60	5,351,309	09/27/1994	Lee et al.		
*	A61	5,360,438	11/01/1994	Fisher		
	A62	5,397,350	03/14/1995	Chow et al.		
	A63	5,411,540	05/02/1995	Edell et al.		
	A64	5,476,494	12/19/1995	Edell et al.		
	A65	5,491,349	02/13/1996	Komoto et al.		
*	A66	5,496,355	03/05/1996	Lipsky		
*	A67	5,522,864	06/04/1996	Wallace et al.		
	A68	5,556,423	09/17/1996	Chow et al.		
*	A69	5,578,040	11/26/1996	Smith		
	A70	5,648,655	07/15/1997	Rostoker		
*	A71	5,674,263	10/07/1997	Yamamoto et al.		
	A72	5,717,201	02/10/1998	Lin et al.		
*	A73	5,782,894	07/21/1998	Israel		
	A74	5,837,995	11/17/1998	Chow et al.		
*	A75	5,843,147	12/01/1998	Testerman et al.		
	A76	5,865,839	02/02/1999	Doorish		
JPO	A77	5,895,414	04/20/1999	Sanchez-Zambrano		
	A78	5,895,415	04/20/1999	Chow et al.		

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>JS</i>	A79	5,935,155	08/10/1999	Humayun et al.		
	A80	5,944,747	08/31/1999	Greenberg et al.		
*	A81	6,006,756	12/28/1999	Shaddock		
*	A82	6,007,477	12/28/1999	Demenezes		
	A83	6,032,062	02/29/2000	Nisch		
*	A84	6,035,236	03/07/2000	Jarding et al.		
	A85	6,066,675	05/23/2000	Wen et al.		
*	A86	6,083,251	07/04/2000	Shindo		
*	A87	6,101,411	08/08/2000	Newsome		
	A88	6,230,057 B1	05/08/2001	Chow et al.		
*	A89	6,264,971 B1	07/24/2001	Darougar et al.		
*	A90	6,275,735 B1	08/14/2001	Jarding et al.		
*	A91	6,282,449 B1	08/28/2001	Kamerling et al.		
	A92	6,298,270 B1	10/02/2001	Nisch et al.		
	A93	6,324,429 B1	11/27/2001	Shire et al.		
	A94	6,347,250 B1	02/12/2002	Nisch et al.		
	A95	6,389,317 B1	05/14/2002	Chow et al.		
	A96	6,393,327 B1	05/21/2002	Scribner		
✓	A97	US 2002/014764 A1	10/10/2002	Peyman		
*	A98	US 2003/0139784 A1	07/24/2003	Morimoto et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A99	DE 195 29 371 C2	02/13/1997	Germany		
	A100	GB 2 229 543 A	09/26/1990	Great Britain		
	A101	EP 0 084 621 A2	11/23/1982	EPO		
	A102	EP 0 233 789	08/26/1987	EPO		
	A103	EP 0 501 904 A2	09/02/1992	EPO		
*	A104	EP 0 325 201 A2	07/26/1989	Europe		Abstract Only
*	A105	JP A 8-154897	06/18/1996	Japan		Abstract Only
*	A106	JP A 9-266954	10/14/1997	Japan		Abstract Only
*	A107	JP A 2000-24122	01/25/2000	Japan		Abstract Only
*	A108	RU 2 025 114 C1	12/30/1994	Russia		Yes
*	A109	RU 2 054 909 C1	02/27/1996	Russia		Abstract
*	A110	RU 2 062 080 C1	06/20/1996	Russia		Yes (2)
*	A111	RU 2 062 128 C1	06/20/1996	Russia		Abstract
*	A112	RU 2 063 199 C1	07/10/1996	Russia		Yes
*	A113	RU 2 072 815 C1	02/10/1997	Russia		Yes
*	A114	RU 2 074 681 C1	03/10/1997	Russia		Abstract

EXAMINER <i>James P. Oropfen</i>	DATE CONSIDERED <i>4/19/06</i>
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
*	A115	RU 2 074 684 C1	03/10/1997	Russia		Abstract
*	A116	RU 2 077 291 C1	04/20/1997	Russia		Yes
*	A117	RU 2 080 216 C1	08/10/1997	Russia		Abstract
*	A118	RU 2 089 144 C1	09/10/1997	Russia		Abstract
*	A119	RU 2 090 167 C1	09/20/1997	Russia		Abstract
*	A120	RU 2 093 118 C1	10/20/1997	Russia		Yes
*	A121	RU 2 098 009 C1	12/10/1997	Russia		Yes
*	A122	RU 2 098 056 C1	12/10/1997	Russia		Abstract
*	A123	RU 2 102 046 C1	01/20/1998	Russia		Yes
*	A124	RU 2 128 485 C1	04/10/1999	Russia		Abstract
*	A125	RU 2 146 909 C1	12/17/1998	Russia		Abstract
*	A126	RU 2 161 019 C1	12/27/2000	Russia		Yes
*	A127	RU 2 177 766 C2	02/09/2000	Russia		Abstract
*	A128	RU 2 189 800 C2	03/01/2000	Russia		Abstract
*	A129	SU 1044283 A	09/30/1983	Soviet Union		Abstract
*	A130	SU 1139446 A	02/15/1985	Soviet Union		Abstract
*	A131	SU 1386208 A1	04/07/1988	Soviet Union		Abstract
*	A132	SU 1395316 A2	05/15/1988	Soviet Union		Abstract
*	A133	SU 1409264 A1	05/15/1988	Soviet Union		Abstract
*	A134	SU 1757666 A1	08/30/1992	Soviet Union		Abstract
*	A135	SU 1766401 A1	10/07/1992	Soviet Union		Yes
*	A136	SU 1801021 A3	03/07/1993	Soviet Union		Abstract
*	A137	SU 1826174 A1	11/10/1996	Soviet Union		Abstract
*	A138	SU 1827222 A1	07/15/1993	Soviet Union		Abstract
*	A139	SU 1833730 A1	08/15/1993	Soviet Union		Abstract
*	A140	SU 1837858 A3	08/30/1993	Soviet Union		Abstract
*	A141	SU 554863	04/25/1977	Soviet Union		Claim
*	A142	SU 839529	08/23/1981	Soviet Union		Claim
*	A143	SU 930020	06/30/1982	Soviet Union		Claim
*	A144	0 325 201 A2	07/26/1989	Europe		Yes
*	A145	WO 81/01511	08/11/1981	PCT		Yes

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A146	Abrams, Dr. Susan B., "Implanted photodiodes could restore lost vision", <i>Biophotonics Research</i> , 1997, 2 pages.
	A147	Acheson, A., P.A. Barker, R.F. Alderson, F.D. Miller, et al., "Detection of Brain-Derived Neurotrophic Factor-Like Activity in Fibroblasts and Schwann Cells: Inhibition by Antibodies to NGF", <i>Neuron</i> , Vol. 7, 1991, pp 265-75.

EXAMINER <i>Frances P. Orsney</i>	DATE CONSIDERED <i>4/19/06</i>
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A148	Ando, Haruhisa, et al. "Design Consideration and Performance of a New MOS Imaging Device", <i>IEEE</i> , 1985, 6 pages.
	A149	Armington, J.C., Brigell, M., "Effects of Stimulus Location and Pattern Upon the Visually Evoked Cortical Potential and the Electroretinogram," <i>Intern. J. Neuroscience</i> , Vol. 14, 1981, pp 169-178.
	A150	Baylor, D.A., Fuortes, M.G.F., "Electrical Responses of Single Cones in the Retina of the Turtle," <i>J. Physiol.</i> , Vol. 207, 1970, pp 77-92.
	A151	Bergmann-Schaefer, "Lehrbuch der Experimentalphysik" (Textbook of Experimental Physics), vol. II, "Electricity and Magnetism" by Prof. Dr. -Ing. H. Gobrecht, 1971, 3 pp. plus translation.
	A152	Bobsch, M.D., Joseph M. and Grosser, Ph.D., Morton "Newer Repair at the AXOM Level: A Merger of Microsurgery and Microelectronics," VCH Publishers, Inc., 1967.
	A153	Boettner, E.A., Wolter, J.R., "Transmission of the Ocular Media," <i>Investigative Ophthalmology</i> , Vol. 1, 1962, pp 776-783.
	A154	Bosco, A., and Linden, R., "BDNF and NT-4 Differentially Modulate Neurite Outgrowth in Developing Retinal Ganglion Cells", <i>J. Neurosci. Res.</i> Vol. 57, 1999, pp 759-69.
	A155	Brady, G.S., Clauser, H.R., <i>Materials Handbook, Thirteenth Edition</i> , New York, McGraw-Hill, 1991, pp 739-740.
	A156	Brindley, G.S., "The Site of Electrical Excitation of the Human Eye," <i>J. Physiol.</i> , Vol. 127, 1955, pp 189-200.
	A157	Brindley, G.S., "Beats Produced by Simultaneous Stimulation of the Human Eye with Intermittent Light and Intermittent or Alternating Electric Current," <i>J. Physiol.</i> , Vol. 164, 1962, pp 156-167.
	A158	Brown, M.G. et al., "Monolithically Integrated 1 x 12 Array of Planar InGaAs/InP Photodiodes," <i>Journal of Lightwave Technology</i> , Vol. LT-4, No. 3, March 1986, pp. 283-286.
	A159	Caleo, M., Lodovichi, C., and Maffei, L., "Effects of Nerve Growth Factor on Visual Cortical Plasticity Require Afferent Electrical Activity", <i>Eur. J. Neurosci.</i> , Vol. 11, 1999, pp 2979-84.
	A160	Carmignoto, G., Maffei, L., Candeo, P., Canella, R. and Comelli, C., "Effect of NGF on the Survival of Rat Retinal Ganglion Cells Following Optic Nerve Section", <i>J. Neurosci.</i> , Vol. 9, 1989, pp 1263-72.
	A161	Chapin, D.M., et al., "A New Silicon p-n Junction Photocell for Converting Solar Radiation into Electrical Power," Letters to the Editor, <i>Journal of Applied Physics</i> , Vol. 25, 1954, pp 676-7.
	A162	Chow, A.Y., "Electrical Stimulation of the Rabbit Retina with Subretinal Electrodes and High Density Microphotodiode Array Implants," <i>ARVO Abstracts, Invest. Ophthalmol. Vis. Sci.</i> 199334 (Suppl), page 835.
	A163	Chow, A.Y., Pardue, M.T., Chow, V.Y., Peyman, G.A., et al., "Implantation of Silicon Chip Microphotodiode Arrays into the Cat Subretinal Space", <i>IEEE Trans. Neu. Syst. Rehabil. Eng.</i> , Vol. 9, 2001, pp 86-95.
	A164	Chow, A.Y., and Chow, V.Y., "Subretinal Electrical Stimulation of the Rabbit Retina", <i>Neurosci. Lett.</i> Vol. 225, 1997, pp 13-16.
	A165	Chow, A.Y., and Peachey, N., "The Subretinal Microphotodiode Array Retinal Prosthesis II", <i>Ophthalm. Res.</i> , Vol. 31, 1999, page 246.

EXAMINER <i>Frances P. Overby</i>	DATE CONSIDERED <i>4/19/06</i>
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
/	A166 Cui, Q., So, K.F., and Yip, H.K., "Major Biological Effects of Neurotrophic Factors on Retinal Ganglion Cells in Mammals", <i>Biol. Sig. Recept.</i>, Vol. 7, 1998, pp 220-226.
/	A167 Curcio, C.A., Sloan, K.R., Kalina, R.E., Hendrickson, A.E., "Human Photoreceptor Topography," <i>J Comp. Neuro.</i>, Vol. 292, 1990, pp 497-523.
/	A168 Dawson, W.W., Radtke, N.D., "The Electrical Stimulation of the Retina by Indwelling Electrodes," <i>Invest. Ophthalmol. Visual Sci.</i>, Vol. 16, 1997, pp 249-252.
/	A169 Dooley, D.M., Sharkey, J., Keller, W., and Kasprak, W., "Treatment of Demyelinating and Degenerative Diseases by Electro Stimulation of the Spinal Cord", <i>Med. Prog. Technol.</i>, Vol. 6, 1978, pp 1-14.
/	A170 Dowling, J.E., Ripps, H., Visual Adaptation in the Retina of the Skate," <i>J Gen Physiol.</i>, Vol. 56, 1970, pp 491-520.
/	A171 Eagle, R.C., Lucier, A.C., Bernardino, V.B., et al., "Retinal Pigment Epithelial Abnormalities in Fundus Flavimaculatus," <i>Ophthalmol.</i>, Vol. 87, 1980; pp 1189-1200.
/	A172 Evans, R.D., Foltz, D., and Foltz, K., "Electrical Stimulation with Bone and Wound Healing", <i>Clin. Podiatr. Med. Surg.</i>, Vol. 18, 2001, pp 79-95.
/	A173 Gibilisco, S., and Sclater, N., <i>Encyclopedia of Electronics</i>, 2d Ed., 1990, pp. 640-645.
/	A174 Fenwick, P.B.C., Stone, S.A., Bushman, J., Enderby, D., "Changes in the Pattern Reversal Visual Evoked Potential as a Function of Inspired Nitrous Oxide Concentration," <i>Electroencephalogr. Clin. Neurophysiol.</i>, Vol. 57, 1984, pp 57178-183.
/	A175 John B. Flynn, et al. "Total Active Area Silicon Photodiode Array", 1964, 3 pages.
/	A176 Frasson, M., Picaud, S., Leveillard, T., Simonutti, M., et al., "Glial Cell Line-Derived Neurotrophic Factor Induces Histologic and Functional Protection of Rod Photoreceptors in the rd/rd Mouse", <i>Invest. Ophthalmol. Visual Sci.</i>, Vol. 40, 1999, pp 2724-34.
/	A177 Graeme, J., "Position-Sensing Photodiode Amplifiers," Ch. 10, 12 pages
/	A178 Granit, R., Helme, T., "Changes in Retinal Excitability Due to Polarization and Some Observations on the Relation Between the Processes in Retina and Nerve," <i>J. Neurophysiol.</i>, Vol. 2, 1939, pp 556-585.
/	A179 Hagins, W.A., Penn, R.D., Yoshikami, S., "Dark Current and Photocurrent in Retinal Rods," <i>J. Biophys.</i>, Vol. 10, 1970, pp 380-412.
/	A180 Hergert, K., "Detectors: Expanded Photodetector Choices Pose Challenges for Designers", <i>The Photonics Design and Applications Handbook</i> (1996).
/	A181 Humayun, M.S., Propst, R.H., Hickinbotham, D., de Juan E., Jr., Dagnelie G., "Visual Sensations Produced by Electrical Stimulation of the Retinal Surface in Patients with End-Stage Retinitis Pigmentosa (RP)," <i>ARVO Abstracts, Invest. Ophthalmol. Vis. Sci.</i>, Vol. 34 Suppl, 1993, page 835.
/	A182 Humayun, M., Propst R., de Juan, E., et al., "Bipolar Surface Electrical Stimulation of the Vertebrate Retina," <i>Arch. Ophthalmol.</i>, Vol. 112, 1994, pp 110-116.
/	Kane, W.J., "Direct Current Electrical Bone Growth Stimulation for Spinal Fusion", <i>Spine</i>, Vol. 13, 1988, pp 363-365.
/	A183 Kataoka, S., "An Attempt Towards an Artificial Retina: 3-D IC Technology for an Intelligent Image Sensor," <i>Transducers '85: International Conference on Solid-State Sensors and Actuators 1985</i>, pp. 440-442.

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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
/	A184 Klinke, R., Kral, A., Heid, S., Tillein, J., and Hartmann, R., "Recruitment of the Auditory Cortex in Congenitally Deaf Cats by Long-Term Cochlear Electrostimulation", <i>Science</i>, Vol. 285, 1999, pp. 1729-1733.
/	A185 Knighton, R.W., "An Electrically Evoked Slow Potential of the Frog's Retina. I. Properties of Response," <i>J. Neurophysiol.</i>, Vol. 38, 1975, pp 185-197.
/	A186 Koyama, S., Haruyama, T., Kobatake, E., and Aizawa, M., "Electrically Induced NGF Production by Astroglial Cells", <i>Nature Biotechnol.</i>, Vol. 15, 1997, pp 164-166.
/	A187 Lagey, C.L., Roelofs, J.M., Janssen, L.W.M., Breedijk, M., et al., "Electrical Stimulation of Bone Growth with Direct Current", <i>Clin. Orthop.</i>, No. 204, 1986, pp 303-312.
/	A188 Lambiase, A., and Aloe, L., "Nerve Growth Factor Delays Retinal Degeneration in C3H Mice", <i>Graefe's Arch. Clin. Exp. Ophthalmol.</i>, Vol. 234, 1996, pp 96-100.
/	A189 Leake, P.A., Hradek, G.T., and Snyder, R.L., "Chronic Electrical Stimulation by a Cochlear Implant Promotes Survival of Spiral Ganglion Neurons after Neonatal Deafness", <i>J. Comp. Neurol.</i>, Vol. 412, 1999, pp 543-562.
/	A190 Leake, P.A., Hradek, G.T., Rebscher, S.J., and Snyder, R.L., "Chronic Intracochlear Electrical Stimulation Induces Selective Survival of Spiral Ganglion Neurons in Neonatally Deafened Cats", <i>Hear. Res.</i>, Vol. 54, 1991, pp 251-271.
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FORM PTO-1449	SERIAL NO. 10/606,117	CASE NO. 3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)		APPLICANT(S): A. Chow

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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A223	Copy of International Search Report for corresponding PCT/US02/20808 dated March 21, 2003.
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